

11-25-03

```
=> screen 970 AND 2067
L1      SCREEN CREATED
=>
Uploading C:\Program Files\Stnexp\Queries\0988912.str
L2      STRUCTURE UPLOADED
=> que L2 AND L1
L3      QUE L2 AND L1
=> d
L3 HAS NO ANSWERS
L1          SCR 970 AND 2067
L2          STR
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
Structure attributes must be viewed using STN Express query preparation.
L3      QUE ABB=ON PLU=ON L2 AND L1
```

```
=> s 13 sss sam
SAMPLE SEARCH INITIATED 14:18:41 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -      29 TO ITERATE
```

```
100.0% PROCESSED      29 ITERATIONS           1 ANSWERS
SEARCH TIME: 00.00.01
```

```
FULL FILE PROJECTIONS:  ONLINE **COMPLETE**
BATCH   **COMPLETE**
PROJECTED ITERATIONS:    257 TO     903
PROJECTED ANSWERS:        1 TO      80
```

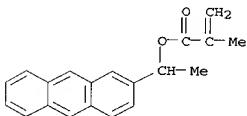
```
L4      1 SEA SSS SAM L2 AND L1
```

```
=> d
```

```
L4      ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS ON STN
RN 150048-73-0 REGISTRY
CN 2-Propenoic acid, 2-methyl-, 1-(2-anthracenyl)ethyl ester, polymer with
ethenylbenzene (SCI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Benzene, ethenyl-, polymer with 1-(2-anthracenyl)ethyl
2-methyl-2-propenoate (9CI)
MF (C20 H18 O2 . C8 H8)x
CI PMS
PCT Polycrylic, Polystyrene
SR CA
LC STN Files: CA, CAPLUS
```

```
CM 1
```

```
CRN 54720-11-5
CMF C20 H18 O2
```



```
CM 2
```

```
CRN 100-42-5
CMF C8 H8
```

H₂C=CH-Ph

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> FIL CAPLUS HCPLUS USPATFUL
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE
ENTRY
2.08
TOTAL
SESSION
2.29

FILE 'CAPLUS' ENTERED AT 14:18:58 ON 19 NOV 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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FILE 'HCPLUS' ENTERED AT 14:18:58 ON 19 NOV 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPATFUL' ENTERED AT 14:18:58 ON 19 NOV 2003
CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

=> s 14
LS 2 L4

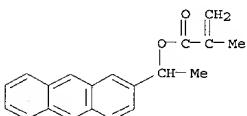
=> d 15 l-2 ibib hitstr

L5 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 1993:562441 CAPLUS
DOCUMENT NUMBER: 119:162441
TITLE: Photochemical dimerization in hydrophilicity
improvement of (in)organic articles
INVENTOR(S): Irie, Masahiro; Kishimoto, Seichiro
PATENT ASSIGNEE(S): Unitika Ltd, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 05024951	A2	19930202	JP 1991-208592	19910724
PRIORITY APPN. INFO.:			JP 1991-208592	19910724
IT 150048-73-0				
RL: USES (Uses)				
(plates, hydrophilic treatment for with UV irradn., in presence of hydrophilic group-contg. anthracenes)				
RN 150048-73-0	CAPLUS			
CN 2-Propenoic acid, 2-methyl-, 1-(2-anthracenyl)ethyl ester, polymer with ethenylbenzene (9CI) (CA INDEX NAME)				

CM 1

CRN 54720-11-5
CMF C20 H18 O2



CM 2

CRN 100-42-5
CMF C8 H8

H₂C=CH-Ph

L5 ANSWER 2 OF 2 HCPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 1993:562441 HCPLUS

DOCUMENT NUMBER: 119:162441
TITLE: Photochemical dimerization in hydrophilicity improvement of (in)organic articles
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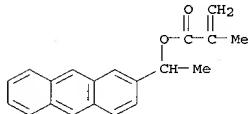
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IT 150048-73-0				
RL: USES (Uses)				
(plates, hydrophilic treatment for with UV irradn., in presence of hydrophilic group-contg. anthracenes)				
RN 150048-73-0	HCAPLUS			
CN 2-Propenoic acid, 2-methyl-, 1-(2-anthracenyl)ethyl ester, polymer with ethenylbenzene (9CI)	(CA INDEX NAME)			

CM 1

CRN 54720-11-5

CMF C20 H18 O2



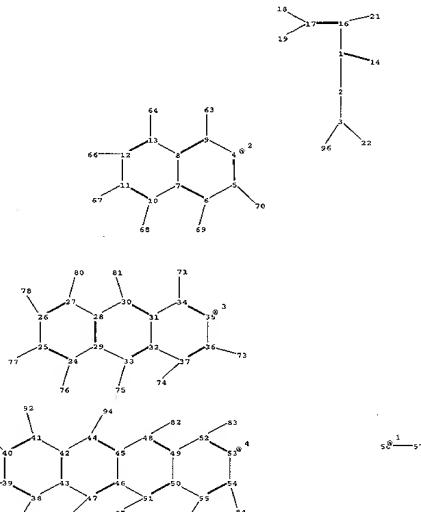
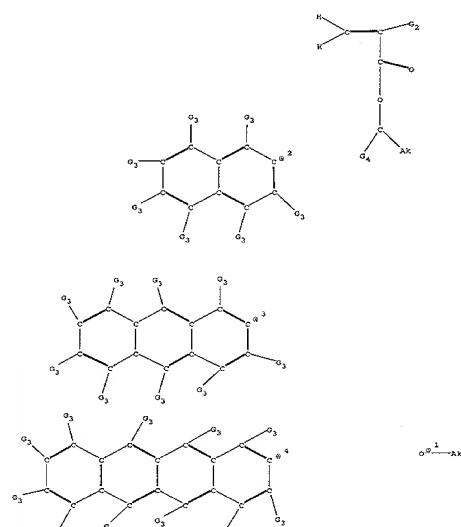
CM 2

CRN 100-42-5

CMF C8 H8

H₂C=CH-Ph

C:\Program Files\Stnexp\Queries\0988912.str



chain nodes :

1 2 7 3 14 16 18 19 21 22 56 57 63 64 66 67 68 69 70 71 73 74 75 76
77 78 80 81 82 83 84 85 87 88 89 90 91 92 94 96 97 98 99 100

ring nodes :

4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37
38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55

chain bonds :

1-2 1-14 1-16 2-3 3-22 3-96 5-70 6-69 6-70 6-69 9-63 10-68 11-67 12-66 13-64 16-17
16-21 17-18 17-19 24-76 25-77 26-78 27-80 30-81 33-75 34-71 36-73 37-80 38-81 33-75 34-71 36-73 37-74 38-89
39-90 40-91 41-92 44-94 47-88 48-82 51-87 52-83 54-84 55-85 56-57

ring bonds :

4-9 4-5 5-6 6-7 7-8 7-10 8-9 8-13 10-11 11-12 12-13 24-25 24-29 25-26 26-27
27-28 28-29 28-30 29-33 30-31 31-32 31-34 32-33 32-37 34-35 35-36 36-37 38-39
38-43 39-40 40-41 41-42 42-43 42-44 43-47 44-45 45-46 45-48 46-47 46-51 48-49

exact/norm bonds :

1-2 1-14 2-3 3-22 3-96 5-70 6-69 6-70 6-69 9-63 10-68 11-67 12-66 13-64 16-21 24-76
25-77 26-78 27-80 30-81 33-75 34-71 36-73 37-74 38-89 39-90 40-91 41-92 44-94
47-88 48-82 51-87 52-83 54-84 55-85 56-57

exact bonds :

1-16 16-17 17-18 17-19

normalized bonds :

4-9 4-5 5-6 6-7 7-8 7-10 8-9 8-13 10-11 11-12 12-13 24-25 24-29 25-26 26-27
27-28 28-29 28-30 29-33 30-31 31-32 31-34 32-33 32-37 34-35 35-36 36-37 38-39
38-43 39-40 40-41 41-42 42-43 42-44 43-47 44-45 45-46 45-48 46-47 46-51 48-49

G1:H

G2:H,CH3

G3:F,H,[*1]

G4:[*2],[*3],[*4]

Match level :

1:CLASS 2:CLASS 3:CLASS 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom
12:Atom 13:Atom 14:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 21:CLASS 22:CLASS
24:CLASS 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom 31:Atom 32:Atom 33:Atom
34:Atom 35:Atom 36:Atom 37:Atom 38:Atom 39:Atom 40:Atom 41:Atom 42:Atom 43:Atom
44:Atom 45:Atom 46:Atom 47:Atom 48:Atom 49:Atom 50:Atom 51:Atom 52:Atom 53:Atom
54:Atom 55:Atom 56:CLASS 57:CLASS 63:CLASS 64:CLASS 66:CLASS 67:CLASS 68:CLASS
69:CLASS 70:CLASS 71:CLASS 73:CLASS 74:CLASS 75:CLASS 76:CLASS 77:CLASS 78:CLASS
80:CLASS 81:CLASS 82:CLASS 83:CLASS 84:CLASS 85:CLASS 87:CLASS 88:CLASS 89:CLASS
90:CLASS 91:CLASS 92:CLASS 94:CLASS 96:CLASS

Element Count :

Node 22: Limited
C,C1-4